## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant(s):** Weixun Cao

Title: DIRECT MODULATION OF A POWER AMPLIFIER WITH

ADAPTIVE DIGITAL PREDISTORTION

**Serial No.:** 10/645,261

Confirmation No.: 7334

Filing Date: 08/20/2003 Examiner: Jean Corrielus

**Group Art Unit**: 2611

**Docket No:** 

August 27, 2007

Mail Stop: RCE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

## **Response to First Office Action (RCE)**

Dear Sir:

In response to the Office Action dated 07/06/2007, the Applicant respectfully requests the Examiner to enter the amendments and consider the remarks as follows:

**AMENDMENTS TO THE CLAIMS** are reflected in the listing of claims which begins on page 2 of this Response.

**REMARKS** begin on page 8 of this Response.